ABSTRACT OF THE DISCLOSURE

A cathode ray tube includes a panel with a substantially flat outer surface and an inner curved surface. The inner curved surface of the panel has a phosphor screen. A funnel is connected to the panel while externally mounting a deflection unit for deflecting electron beams. A neck is connected to the funnel while internally mounting an electron gun for emitting the electron beams. A color selection apparatus is internally fitted to the panel such that the electron beams land on correct phosphors of the phosphor screen. The panel has an effective screen with short and long axis. The panel bears a first thickness Th at the ends of the effective screen in the long axis direction, and a second thickness Tv at the ends of the effective screen in the short axis direction. The second thickness Tv of the panel is established to be larger than the first thickness Th of the panel. The color selection apparatus has a mask with short and long axis while bearing a plurality of beam-guide holes, and a frame combined with the mask such that the mask maintains a tensioned state. The mask is tensioned in the long axis direction while being supported by the frame.